GOVERNMENT OF INDIA
ROAD TRANSPORT AND HIGHWAYS
LOK SABHA

UNSTARRED QUESTION NO:2453
ANSWERED ON:05.12.2001
CONSTRUCTION COST OF COALTAR AND CEMENT ROADS
DINESH CHANDRA YADAV;SUSHIL KUMAR INDORA

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) whether the construction cost of roads with the use of coaltar is different from the cost of roads constructed with cement;

(b) if so, the construction cost of both types of roads;

(c) the details in regard to maintenance and the life of both the type of roads; and

(d) the type of roads being preferred for construction of National Highways in the country?

Answer

MINISTER OF STATE FOR ROAD TRANSPORT AND HIGHWAYS(INDEPENDENT CHARGE)(MAJOR GENERAL (RETI KHANDURI, AVSM)

(a) These days bitumen is used in road construction instead of coaltar. The cost of road constructed with bitumen is different from those constructed with cement.

(b) The construction cost of roads depends upon a number of factors viz. type of soil, class of roads, traffic, design life, etc. The cost of roads constructed with cement is about 15 to 20% more than the bituminous roads.

(c) The road constructed with bitumen requires more maintenance input than cement road. The bituminous roads are designed for 10-15 years whereas; the cement roads are designed for a longer life of 20-30 years.

(d) Choice of pavement type depends on a number of variable factors viz. soil, climatic conditions, traffic and the economics. Both types of pavements are being considered for National Highway construction.